(Cancelled)

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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1	2.	(Currently Amended) The method of claim [[1]] 5, further comprising:	
2		setting a first value for the quality-of-service indicator field in the Internet	
3	Protocol pack	et if a first rate is determined; and	
4		setting a second value for the quality-of-service indicator field in the Internet	
5	Protocol pack	et if a second rate is determined.	
1	3.	(Currently Amended) The method of claim [[1]] 5, wherein determining one of	
2	plural rates co	omprises determining one of plural rates of an adaptive multi-rate codec.	
1	4.	(Currently Amended) The method of claim 1, further comprising A method of	
2	communications, comprising:		
3		determining one of plural rates to code data for communication over a network;	
4		encapsulating the data in a packet having a quality-of-service indicator field;	
5		setting one of plural values for the quality-of-service indicator field based on the	
6	determined one of plural rates; and		
7		transmitting the packet over a wireless link.	
1	5.	(Currently Amended) The method of claim 1, A method of communications,	
2	comprising:		
3		determining one of plural rates to code data for communication over a network;	
4		encapsulating the data in a packet having a quality-of-service indicator field; and	
5		setting one of plural values for the quality-of-service indicator field based on the	
6	determined one of plural rates,		
7		wherein encapsulating the data in the packet comprises encapsulating the data in	
8	an Internet Protocol packet.		

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6. (Currently Amended) The method of claim 5, wherein setting one of plural 1 2 values for the quality-of-service indicator field comprises setting one of plural values for a differentiated services field in the Internet Protocol packet. 3 (Currently Amended) The method of claim [[1]] 5, wherein determining one of 7. 1 plural rates to code data comprises determining one of plural rates to code real-time data. 2 (Currently Amended) The method of claim [[1]] 5, wherein determining one of 8. 1 plural rates to code data comprises determining one of plural rates to code audio data. 2 (Currently Amended) An article comprising at least one storage medium 1 9. 2 comprising instructions that when executed cause a system to: determine one of plural rates to code data for communication over a network; and 3 set one of plural quality-of-service values in [[a]] an Internet Protocol packet, 4 5 based on the determined one rate, to carry the data over the network. (Original) The article of claim 9, wherein the instructions when executed cause 10. 1 2 the system to determine one of plural rates by determining one of plural rates of an adaptive 3 multi-rate codec. (Currently Amended) The article of claim 9, wherein the instructions when 11. 1 executed cause the system to set one of the plural quality-of-service values by setting one of 2 plural differentiated services field values in the Internet Protocol packet. 3 12. (Cancelled) 1 (Original) The article of claim 9, wherein the instructions when executed cause 1 13. the system to set one of the plural quality-of-service values by setting one of plural differentiated 2 3 services code points.

1	14.	(Original) The article of claim 9, wherein the instructions when executed cause	
2	the system to determine one of plural rates to code one of audio data and video data.		
1	15.	(Currently Amended) A system comprising:	
2		a codec adapted to code real-time data; and	
3		a controller adapted to vary a codec rate and to set one of plural quality-of-service	
4	indicator valu	es in a quality-of-service field of an Internet Protocol packet based on the codec	
5	rate.		
1	16.	(Currently Amended) The system of claim 15, further comprising A system	
2	comprising:		
3		a codec adapted to code real-time data;	
4		a controller adapted to vary a codec rate and to set one of plural quality-of-service	
5	indicator values based on the codec rate; and		
6		an interface to a wireless link.	
1	17.	(Original) The system of claim 15, wherein the codec comprises an adaptive	
2	multi-rate codec.		
1	18.	(Currently Amended) The system of claim 15, wherein the controller comprises	
2	application so	ftware to set the one of plural quality-of-service indicators indicator values.	
1	19.	(Original) The system of claim 18, further comprising a network layer to	
2	encapsulate th	e data in a packet to carry the one quality-of-service indicator value.	
1	20.	(Original) The system of claim 19, wherein the network layer comprises an	
2	Internet Proto	col layer.	
1	21.	(Original) The system of claim 15, further comprising a Real-Time Protocol	
2	module adapted to encapsulate the real-time data in a Real-Time Protocol packet.		

1	22.	(Original) The system of claim 15, wherein the controller is adapted to set one of	
2	plural quality-of-service indicator values by setting one of plural differentiated services code		
3	points.		
1	23.	(Currently Amended) A system comprising:	
2		a network interface to receive plural units of data Internet Protocol (IP) packets	
3	from a network;		
4		a plurality of queues to store the units of data IP packets, each unit of data IP	
5	packet containing a quality-of-service indicator, the plural units of data IP packets containing		
6	different quality-of-service indicator values that correspond to different coding rates; and		
7		a controller adapted to store each unit of data IP packet in one of the plurality of	
8	queues based	on the quality-of-service indicator value in the unit of data IP packet.	
1	24.	(Currently Amended) The system of claim 23, wherein the units of data IP	
2	packets contain conversational data.		
1	25.	(Original) The system of claim 23, wherein the coding rates comprise rates of an	
2	adaptive mult	i-rate codec.	
1	26.	(Original) The system of claim 23, wherein the quality-of-service indicator	
2	values compr	ise differentiated services code points.	